

1044b UIC - EAST POPLAR OIL FIELD  
ENFORCEMENT CASE SDWA 1431  
Folder ID: 13642 2000 Privileged

Release in (TNI)

28 Well Files - Buckles A-2 (not drilled)

East Poplar Oil Field

Region 8



13642

## HISTORY



## TEXAS OIL &amp; GAS CORP.

TEXAS OIL & GAS CORP.  
BILLINGS DISTRICT

## Inter-Office Memorandum

APR 22 1981

Date: April 20, 1981

To: Well File

From: C.K. Curlee

Re: Buckles "A" #2  
Section 22-T28N-R51E  
Roosevelt County, Montana

On 15 April 1981, a joint on-site inspection was performed for the above-mentioned well location. In attendance were the following:

Warren Korinek  
Ernie Morton  
George Ricker  
Mike Perius  
C.K. Curlee

USGS Billings, Environmental Scientist  
BIA Ft. Peck, Surface Protectionist  
BIA Ft. Peck, Land Compliance  
TXO Billings, Drilling Foreman  
TXO Denver, Environmental Administrator

The following items summarize the major point of discussion during the on-site inspection.

- 1) Access to the well location will be via the alternative access road identified in Exhibit 5 of the APD. This access proceeds from the Buckles "A" #1 location north to the "A" #2 location.
- 2) Spoil material from the reserve pit will be stockpiled on the east or north side of the pit. Salt water tanks will be placed on a bench made from the spoils from the reserve pit. (This is similar to the operation at the Buckles "A" #1.)
- 3) Archeological clearance is based on an earlier BIA environmental inspection of the agricultural field. The BIA will indicate clearance in their stipulations.
- 4) USGS considers the well an extension of the East Poplar field. Therefore, no environmental assessment or plan of mineral development to support an environmental assessment will be required. NEPA compliance is via the check off CER procedures.
- 5) Morton mentioned that the rehabilitation requirements of this well will be different than those for the Buckles "A" #1. The BIA and the Ft. Peck Tribal Council have initiated rehabilitation procedures requiring pumping of reserve pits, backfilling and recontouring within 60 days after completion of operations.
- 6) The reserve pit will be lined with a plastic liner. As in No. 5, this is a new stipulation via Tribal Council order. The liner should be ripped prior to backfilling.
- 7) USGS recommended following OSHA specifications for distances between various production facilities.

At the close of the on-site inspection, the USGS representative indicated that his paperwork would be completed within five days pending stipulations from the BIA. Potential outstanding requirements for well clearance were discussed, including spacing requirements, Designation of Operator requirements, bonding, and Surface Owner Agreement. Of these, only the Surface Owner Agreement may be deficient.

FEB 25 2000

Office of Enforcement  
Compliance & Environmental  
Justice

CKC/bs

cc/Leo Heath, TXO Billings

CKC CKC

000537



# United States Department of the Interior

OFFICE OF THE SECRETARY  
Minerals Management Service  
P.O. Box 2550  
Billings, Montana 59103-2550

EW#

*Subs*  
"A" #2

May 6, 1982

TXO Production Corp.  
Suite 300, 2705 Montana Ave.  
Billings, MT 59102

Gentlemen:

The following Permit to Drill has been approved for over twelve months. If you plan to drill an extension must be requested which will be good for a maximum of six months.

<u>Well No.</u>	<u>Location</u>	<u>Lease</u>
A-2	NE NW 22-28N-51E	Ft. Peck A1. 14-20-0256-5066

Please let us know the status of this permit by June 10, 1982. If you do not plan to drill this well the permit will be rescinded.

If you have any questions please feel free to contact Charles Laakso at this office.

Sincerely yours,

*Charles E. Laakso*  
Chun Chiu Wong  
Acting District Supervisor

*Charlie Cullen:  
TXO Do you  
will. Do you  
care of this?  
definitely will  
not drill this  
I take  
John Gilbert*

RECEIVED

FEB 25 2000

Office of Enforcement  
Compliance & Environmental  
Justice

000372



(SUBMIT IN QUADRUPLICATE)

TO

BOARD OF OIL AND GAS CONSERVATION  
OF THE STATE OF MONTANA

BILLINGS OR SHELBY

## SUNDRY NOTICES AND REPORT OF WELLS

MAC 36-3.18(10)-S18020  
MAC 36-3.18(10)-S18030  
MAC 36-3.18(10)-S18140  
MAC 36-3.18(10)-S18170  
MAC 36-3.18(10)-S18200  
MAC 36-3.18(10)-S18310  
MAC 36-3.18(10)-S18330  
MAC 36-3.18(14)-S18380

NOTICE  
THIS FORM BECOMES A  
PERMIT WHEN STAMPED  
APPROVED BY AN AGENT  
OF THE BOARD.

Notice of Intention to Drill	XX	Subsequent Report of Water Shut-off	
Notice of Intention to Change Plans		Subsequent Report of Shooting, Acidizing, Cementing	75°
Notice of Intention to Test Water Shut-off		Subsequent Report of Altering Casing	61794
Notice of Intention to Redrill or Repair Well		Subsequent Report of Redrilling or Repair	10133
Notice of Intention to Shoot, Acidize, or Cement		Subsequent Report of Abandonment	8-3-81
Notice of Intention to Pull or Alter Casing		Supplementary Well History	
Notice of Intention to Abandon Well		Report of Fracturing	

(Indicate Above by Check Mark Nature of Report, Notice, or Other Data)

April 28

19 81

Following is a {notice of intention to do work } on land { owned } described as follows:  
 {report of work done } leased

LEASE Buckles "A"

MONTANA  
(State)Roosevelt  
(County)E. Poplar  
(Field)

Well No. 2 (m. sec.) T28N (Township) R51E (Range) MEM (Meridian)

The well is located 660 ft. from N line and 1980 ft. from W line of Sec. 22

LOCATE WELL SITE ACCURATELY ON PLAT ON BACK OF THIS FORM.

The elevation of the ground ~~XXXX~~ above the sea level is 2089.

READ CAREFULLY

DETAILS OF PLAN OF WORK

READ CAREFULLY

(State names of and expected depths to objective sands; show size, weights, and lengths of proposed casings, cementing points, and all other important proposed work, particularly all details of Shooting, Acidizing, Fracturing.)

DETAILS OF WORK  
RESULTCores Required if Taken  
NO drill cutting samples required

1. Drill 12 1/4" hole to + 1200'. Set 8 5/8", 24#, K-55 casing @ + 1200' and circulate cement back to surface.
2. Drill 7 7/8" hole to + 6000'. Run OH logs, DST as warranted.
3. Set 5 1/2", 15.5# & 17#, K-55 casing @ + 6000', cement with + 700 sx to bring cement top above Dakota.
4. Complete as a single oil well in Charles "C" formation.

FILING WITH THE COMMISSION ALL LOGS,  
REPORTS, SURVEYS AND ANALYSES MADE  
ON RUN IS REQUIRED IN ACCORDANCE WITH  
RULE NO. 230.

SALTWATER PITS SHALL BE INTERFERABLE

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FEB 25 2011  
Office of Enforcement  
Compliance & Environmental  
Justice

Approved subject to conditions on reverse of form

Date MAY 5 1981

ORIGINAL SIGNED BY

By CHARLES G. LAO, Petroleum Geologist  
District Office Agent

Title

Company Texas Oil &amp; Gas Corp.

By Leo A. Heath

Title District Engineer  
2705 Montana AvenueAddress Suite 300  
Billings, MT 59101BOARD USE ONLY  
API WELL NUMBER

STATE COUNTY WELL  
1 5 985 212189

NOTE:—Reports on this form to be submitted to the appropriate District for approval

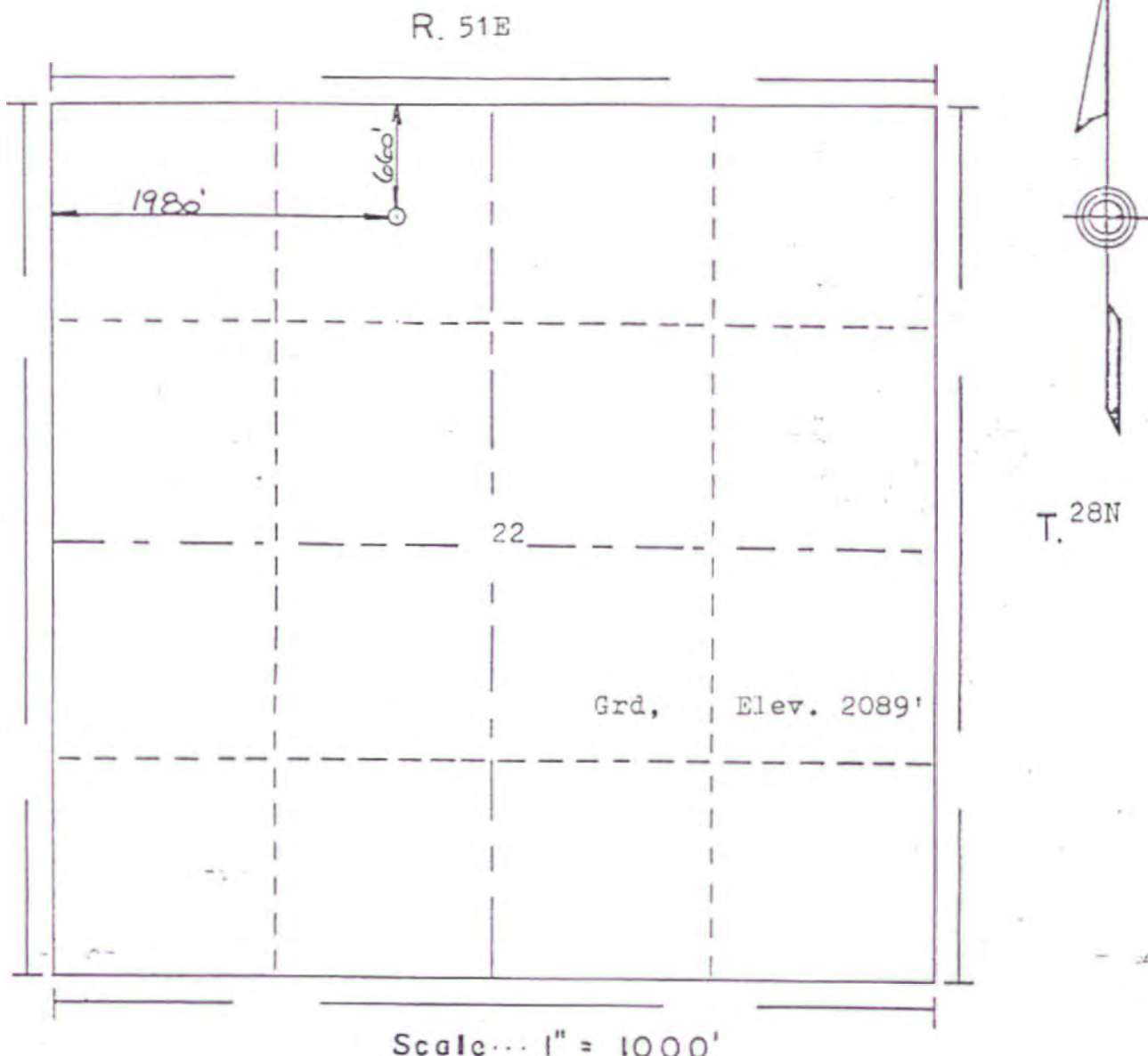
WHEN USED AS PERMIT TO DRILL, PERMIT EXPIRES 90 DAYS FROM DATE OF APPROVAL IF WELL NOT SPUDDED OR EXTENSION REQUESTED.

OVER

003406



FORM F-106



Powers Elevation of Denver, Colorado  
has in accordance with a request from Charlie Curlee  
for Texas Oil & Gas Corp.  
determined the location of Buckles A#2  
to be 660fN 1980fW  
Range 51E of the Montana principal Meridian  
Roosevelt County, Montana

Section 22 Township 28N

I hereby certify that this plat is an  
accurate representation of a correct  
survey showing the location of  
Buckles A # 2

Date: 3 Feb. 81

T. T. Wilson  
Licensed Land Surveyor No.  
State of Montana

21348  
000407

Exhibit 2  
Survey Plat

RECEIVED  
FEB 25 2000  
Office of Enforcement  
Compliance & Environmental  
Justice

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Contract No.

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## b. TYPE OF WELL

OIL  
WELL ☒GAS  
WELL ☐OTHER ☐SINGLE  
ZONE ☒MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

Texas Oil &amp; Gas Corp.

## 3. ADDRESS OF OPERATOR

Suite 300, 2705 Montana Avenue, Billings, Montana 59102

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

660' FNL, 1980' FWL

At proposed prod. zone

660' FNL, 1980' FWL

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

Approximately 6 miles NNE of Poplar, Montana

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

660'

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

1320'

## 16. NO. OF ACRES IN LEASE

160

## 19. PROPOSED DEPTH

6000'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

## 20. ROTARY OR CABLE TOOLS

Rotary

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

2089' GR

## 22. APPROX. DATE WORK WILL START\*

April 25, 1981

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24# New	1200'	Circulate to surface
7 7/8"	5 1/2"	15.5# & 17#	6000'	700 sacks

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

## 24.

SIGNED

Ron Becker

TITLE

Project Manager

DATE

3/31/81

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

000399

9-331 C ADDENDUM  
Buckles "A" #2  
Section 22-T28N-R51E  
Roosevelt County, Montana

1. SURFACE FORMATION: Bear Paw

2. ESTIMATED FORMATION TOPS:

Judith River	730'	Tyler	4880'
Eagle	1180'	Otter	5032'
Muddy	2978'	Kibbey Sand	5194'
Dakota	3236'	Kibbey Lime	5328'
Swift	3694'	Charles	5486'
Bierdon	4142'	Charles A	5556'
Piper	4801'	Charles B	5674'
Amsden	4748'	Charles C	5826'

3. ESTIMATED DEPTH AT WHICH OIL, GAS, WATER OR OTHER MINERAL BEARING ZONES ARE EXPECTED TO BE ENCOUNTERED:

Expected Oil and Gas Zones:

Judith River	Brackish Water
Muddy	Salt Water
Dakota	Salt Water
Kibby	Salt Water
Charles	Oil

4. CASING PROGRAM AS PER FORM 9-331 C.

5. PRESSURE CONTROL EQUIPMENT:

- A. After surface casing is set, a standard two-preventer system will be utilized.
- B. The BOP equipment will be pressure-tested to 1,500 psi before drilling surface pipe cement, and will be tested for operation daily and during trips.
- C. A diagram of the proposed installation. See Exhibit 1.

6. MUD PROGRAM;

0'	-	600'	Water
600'	-	4000'	Salt Water
4000'	-	TD	Saturated Salt Gel

7. AUXILIARY EQUIPMENT:

- A. A kelly cock will be kept in the string at all times.
- B. A stabbing valve will be on the floor to be stabbed into the drill pipe when kelly is not in the string, as necessary.

C. A gas-detecting device hot wire will be used from 3,000' to TD.

D. A desander and/or desilter will be utilized as required.

8. CORING, LOGGING, TESTING PROGRAM:

A. No coring is anticipated.

B. Possible DST in the Charles C.

C. Dual laterolog-base surface casing to T.D.

D. FDC-CNL-GR-Cal - Tyler formation to T.D.

9. ABNORMAL CONDITIONS:

A. No abnormal pressures or temperatures are expected.

B. No hazardous gases such as H<sub>2</sub>S are expected.

C. Hole sloughing and washouts may be experienced in salt sections below 4,000'.  
Appropriate control measures will be exercised.

10. ANTICIPATED STARTING DATES:

Start location construction	April 25, 1981
Spud	April 30, 1981
Complete Drilling	May 15, 1981
Completed, ready for pipeline	June 15, 1981

11. Productive zones will be perforated, tested and treated as necessary. Gas will be flared during testing. Produced water will be contained in the drilling reserve pit. The extent of treatment of a zone (acidizing and/or fracing) can only be determined after the zone has been tested. A completion program will be furnished after drilling and logging.

TEXAS OIL & GAS CORP.  
MULTIPOINT SURFACE USE AND OPERATIONS PLAN

DATE: March 18, 1981

WELL NAME: Buckles "A" #2

LOCATION: 660' FNL, 1980' FWL, Section 22-T28N-R51E, Roosevelt Co., Montana

1. EXISTING ROADS

- A. Proposed well site as staked. Refer to Exhibit 2. The well has been staked 660' FNL and 1980' FWL of Section 22-T28N-R51E.
- B. Route and distance from nearest town or locatable reference point to where proposed access route leaves main road: From Poplar, east on Highway 2 approximately 4.5 miles to Flaxville blacktop road. Turn north, proceed 4.5 miles to section road. Turn west, proceed 2.0 miles to section road. Turn north for 1 mile to an intersection. Turn right and proceed 0.3 miles to the proposed access road.
- C. Access route to location color coded in red and labeled. Refer to Exhibit 3.
- D. For development well, all existing roads within one mile color coded in yellow. Refer to Exhibit 4.
- E. Plans for improvement and maintenance of existing roads: The roads leading to the access road are well traveled. The road from Highway 2 is a blacktop county road. The section roads are graded, gravelled and well traveled. Only the access road will require any maintenance. During wet periods, some maintenance may be required to allow travel by drilling rigs and well service vehicles. During dry periods, wetting the access road may be required to control dust.

2. PLANNED ACCESS ROAD

Show all necessary roads to be constructed or reconstructed: An access road approximately 0.1 mile long will be constructed from the north section line of Section 22-T28N-R51E. The road will proceed due south to the drill site. The road will be 18-20 feet wide, with minimal grade. No drainages will be crossed. If the well is commercially productive, the road will be bar-ditched and crowned to facilitate drainage. An alternative route, which proceeds north from the Buckles "A" #1 pad, was considered but rejected in order to minimize surface disturbance. See Exhibit 5.

3. LOCATION OF EXISTING WELLS

Exhibit 6 is a one-mile radius locating and identifying the following:

- A. Water Wells - None
- B. Abandoned Wells - Murphy Oil Unit #72, Sec. 22-T28N-R51E  
Amarco Resources USA 1-27, Sec. 27-T28N-R51E

000602

- C. Temporarily Abandoned Wells - None
- D. Disposal Wells - None
- E. Drilling Wells - None
- F. Producing Wells - Mesa 1-22 Biere, Sec. 22-T28N-R51E  
                                 Juniper #1-21 Poplar, Sec. 21-T28N-R51E  
                                 Murphy Oil Unit #22, Sec. 14-T28N-R51E  
                                 Murphy Oil Unit #55, Sec. 23-T28N-R51E  
                                 Murphy Oil Unit #32, Sec. 15-T28N-R51E
- G. Shut-In Wells - None
- H. Injection Wells - Mesa, Sec. 22-T28N-R51E
- I. Monitoring or Observation Wells for Other Reasons - None

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

- A. Exhibit 6 is a one-mile radius locating the following existing facilities owned by the lessee/operator:
  - 1. Tank Batteries - None
  - 2. Production Facilities - None
  - 3. Oil Gathering Lines - None
  - 4. Gas Gathering Lines - None
  - 5. Injection Lines - None
  - 6. Disposal Lines - None
- B. If new facilities are contemplated, in the event of production show:
  - 1. Proposed location and attendant lines in relation to the well pad. Refer to Exhibit 7.
  - 2. Dimensions of facilities. Refer to Exhibit 7.
  - 3. Construction methods and materials: Water production will be contained in a bar production pit according to NTL-2B specifications. A production unit will be set. All connection work will be done by an oilfield service company using standard oilfield materials.
  - 4. Protective devices and measures to protect livestock and wildlife: The water production pit will be fenced and flagged to protect animals.

5. LOCATION AND TYPE OF WATER SUPPLY

- A. Location and type of water supply: Water for drilling purposes will be purchased and hauled from a commercial water hauler. If additional state or federal permits are required, they will be obtained from the appropriate Montana State authority, or the BLM Resource Area Headquarters.
- B. Method of transporting water: Water will be transported via truck over the access route described in Section 1B of the MSUOP. No new roads will be required.
- C. If water well is to be drilled, so state: No water well is contemplated.

6. SOURCES OF CONSTRUCTION MATERIALS

- A. Show information either on map or by written description: It is not anticipated that any materials for construction will be required beyond materials from the minimal cut on the location.
- B. Identify if from Federal or Indian Land: The surface is owned by Austin R. Buckles.
- C. Describe where materials such as sand, gravel, stone and soil material are to be obtained and used: None to be transported.
- D. Show any needed access roads crossing Federal or Indian lands. Refer to Exhibit 5.

7. METHODS OF HANDLING WASTE DISPOSAL

- A. Cuttings will be separated by screen and gravity and contained in the reserve pit and subsequently covered when the pit is filled.
- B. Drilling fluids to be contained in the reserve pit and allowed to evaporate prior to filling.
- C. Produced fluids will be contained in the reserve pit and allowed to evaporate prior to filling.
- D. Sewage - Portable toilet will be provided.
- E. Garbage will be placed in a trash pit, fenced and covered with a small mesh wire fence for burning and burial after completion of the well.
- F. Statement regarding proper cleanup when rig moves out. When the rig moves out, all trash and surface refuse will be disposed of by burial in the trash pit or by removal from the location. All pits will be filled after drying and all areas restored as under Item #10.

8. ANCILLARY FACILITIES

Identify all proposed camps and airstrips on a map as to their location, area required and construction methods: None planned.

9. WELL SITE LAYOUT ATTACHMENT AND PROPOSED RIG LAYOUT

- A. Cross-section and plan view of drill pad with cuts and fills: Refer to Exhibits 8 and 9.
- B. Location of mud tank, reserve pit, burn pit, trash pit, pipe racks and living facilities: Refer to Exhibit 10.

- C. Rig orientation, parking area: Refer to Exhibit 10.
- D. Statement regarding pit lining: The reserve pit will be unlined for all drilling operations.

#### 10. PLANS FOR RESTORATION OR SURFACE

- A. Backfilling, levelling, contouring and waste disposal: The reserve pit will be fenced until it can be cleaned up, then will be levelled to the original contour. The mouse and rat holes will be filled. As per Item #7, trash will be burned and buried.
- B. Revegetation and rehabilitation: Upon backfilling of the reserve and mud pits, the disturbed area will be recontoured prior to seeding; previously stockpiled topsoil will be redistributed evenly.
- C. Prior to rig release, pits will be fenced and so maintained until cleanup can be properly done.
- D. If any oil is on the pit, it will be removed or overhead flagging will be installed.
- E. Timetable for comment and completion of rehabilitation operations: Depending upon weather for rapid seed germination and standing crop, restoration should be final one year after spud date.

#### 11. OTHER INFORMATION

General description of:

- A. Topography, soil characteristics, geologic features, flora, fauna: The proposed well site is located in a flat wheat field. The land slopes slightly to the west from the drill site, toward the Poplar River. The land is currently being cultivated. The nearest water source is the Poplar River, approximately 2 miles west. In addition, there are numerous intermittent (drainage) streams that follow a low ridge 0.5 mile to the east. The ridge runs north-south and has an elevation of about 80-120 feet above the elevation of the well pad. Dominant fauna includes small mammals and birds. No endangered species are known to exist in the area.
- B. Other surface-use activities: The surface is privately-owned by Austin R. Buckles; it is currently being farmed by the Buckles family. Texas Oil & Gas Corp. has executed a surface damage agreement with Mr. Buckles.
- C. Proximity of water, occupied dwellings, archeological, historical or cultural sites: The Poplar River is located approximately 2.0 miles west of the drill site; in addition, there are a number of intermittent streams east of the drill site. There is a ranch house located approximately 0.7 mile south-southwest of the drill site. The Bureau of Indian Affairs has conducted an environmental survey of the area and has determined that since the drill site is located in an active agricultural area, that any archeological, historical, or cultural values would have been destroyed or disturbed. Therefore, an archeological survey will not be required.

12. LESSEE'S OR OPERATOR'S REPRESENTATIVES

Include the name, address and phone number of the lessee's or operator's field representative who is responsible for assuring compliance with the approved surface use and operations plan.

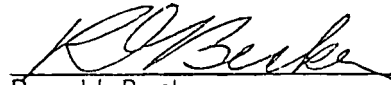
Ronald Becker  
Leo Heath - 406/656-9917 - Residence  
Texas Oil & Gas Corp.  
2705 Montana Ave., Suite 300  
Billings, Montana 59101.  
406/248-4330 - Business

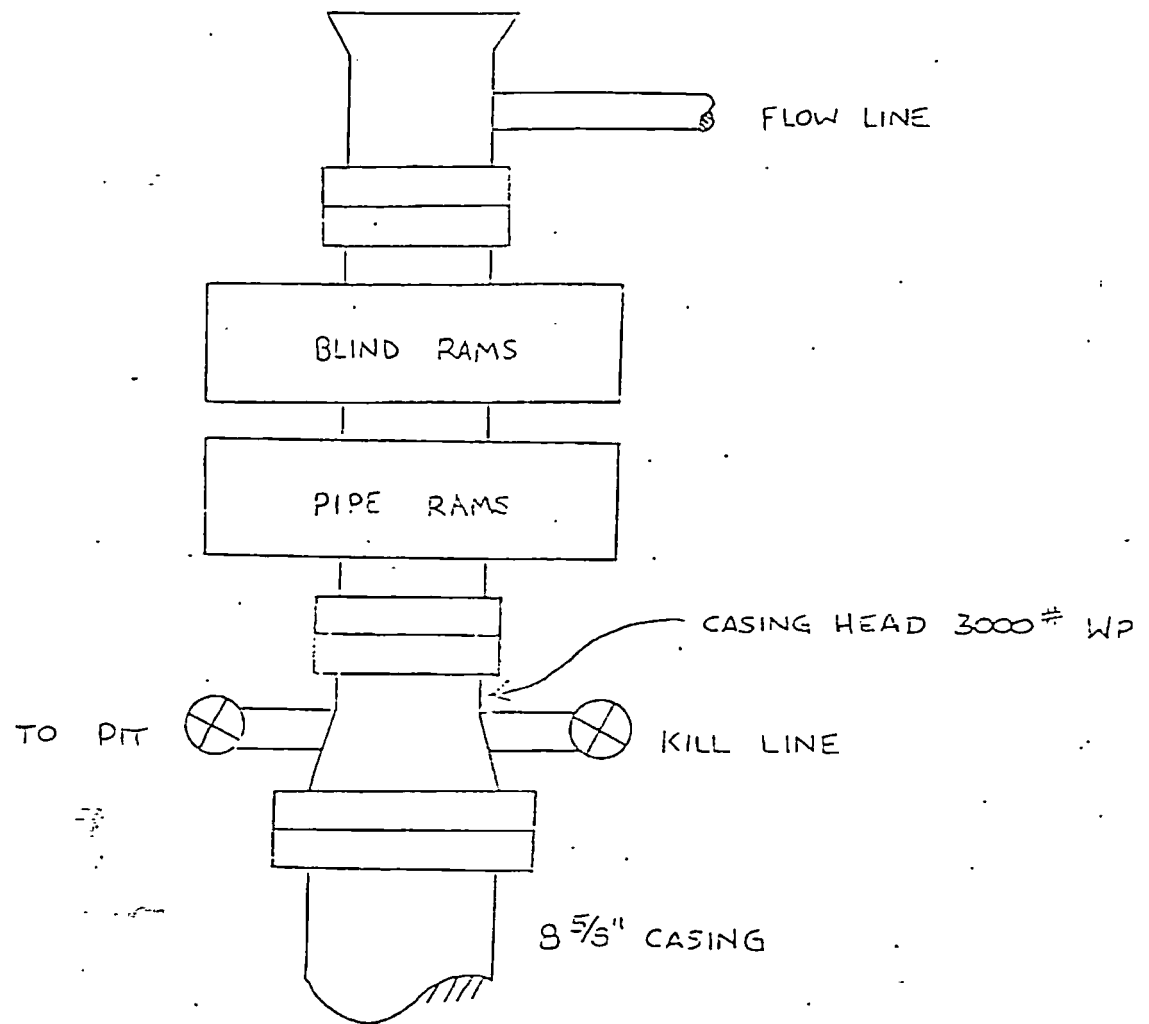
13. CERTIFICATES

The following statement is to be included in the plan and must be signed by the lessee's or operator's field representative who is identified in Item No. 12 of the plan.

I hereby certify that I, or persons under my direct supervision have inspected the proposed drill site and access roads; that I am familiar with the conditions which presently exist; and that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Texas Oil & Gas Corp. and its contractors, sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

DATE: 3/31/81

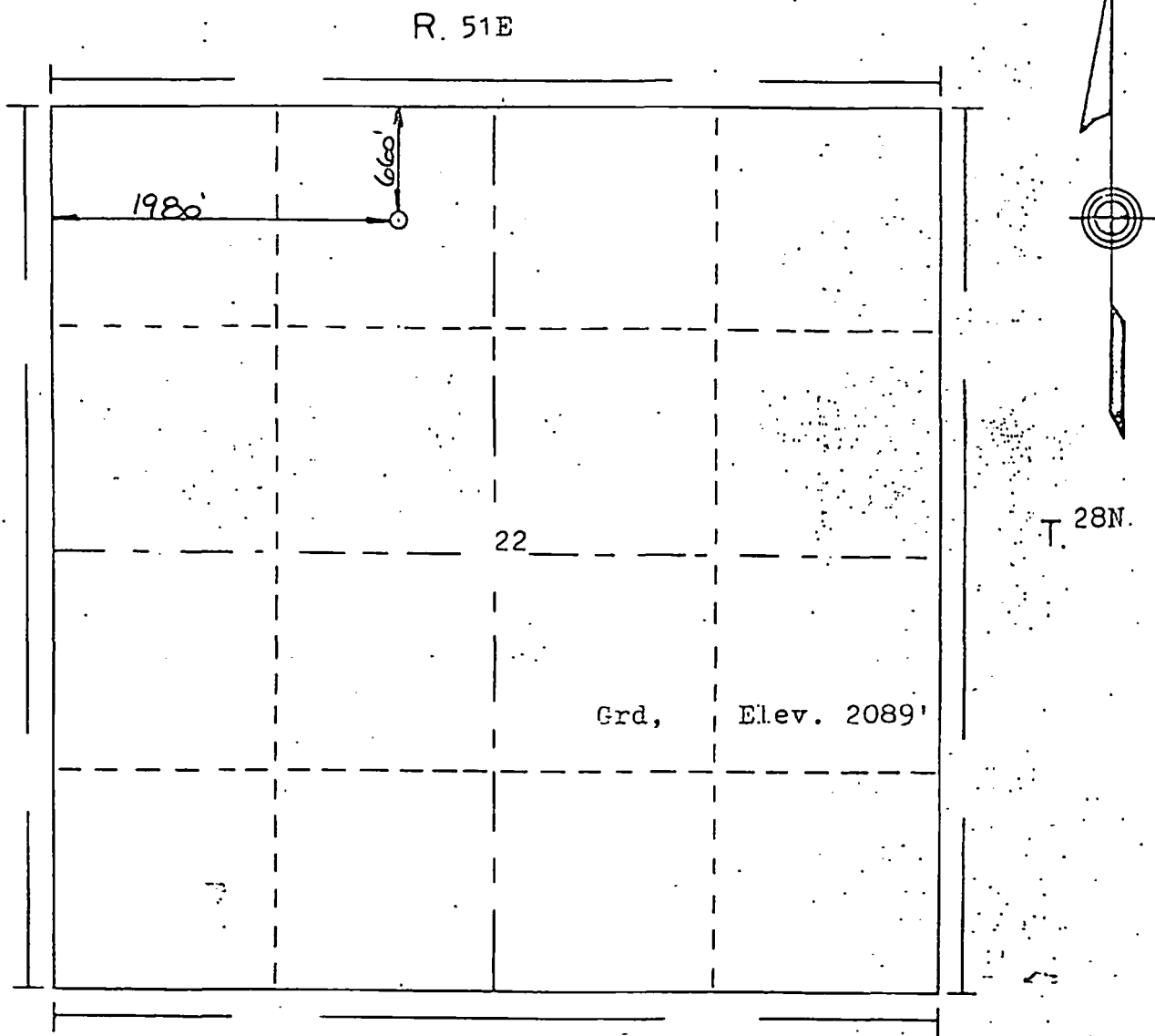
  
\_\_\_\_\_  
Ronald Becker  
Project Manager



BLOWOUT PREVENTER SCHEMATIC  
FOR MUD DRILLING



FORM F-106



Scale... 1" = 1000'

Powers Elevation of Denver, Colorado  
has in accordance with a request from Charlie Curlee  
for Texas Oil & Gas Corp.  
determined the location of Buckles A#2  
to be 660fN 1980fW Section 22 Township 28N  
Range 51E of the Montana principal Meridian  
Roosevelt County, Montana

I hereby certify that this plat is an  
accurate representation of a correct  
survey showing the location of  
Buckles A # 2

000608

Date: 3 Feb. 81

*T. M. Allen*  
Licensed Land Surveyor No. 2134S  
State of Montana

Exhibit 2  
Survey Plat

DANIELS COUNTY  
ROOSEVELT COUNTY

SHERIDAN COUNTY  
ROOSEVELT COUNTY

Bredella

2672

2330

2250

N. D. I. A. N.

R E S E R V A T I O N

Poplar River

Lang

2735

2535

2337

2122

Corbett

2707

Oil

Oil

Oil

2152

2050

225

2185

Proposed  
Buckles "A" #2

Access Route

2170

1935

Chelsea

Poplar

Oil

Oil

Oil

Oil

Oil

Oil

Oil

Oil

Oil

Oil

Oil

Oil

Oil

Oil

ROOSEVELT CO.  
MCCONE COUNTY

Poplar

Oil

Oil

Oil

Oil

Oil

Oil

Oil

Oil

Oil

Oil

Oil

Oil

HAYSTACK BUTTE

Exhibit 3  
Access Route

47

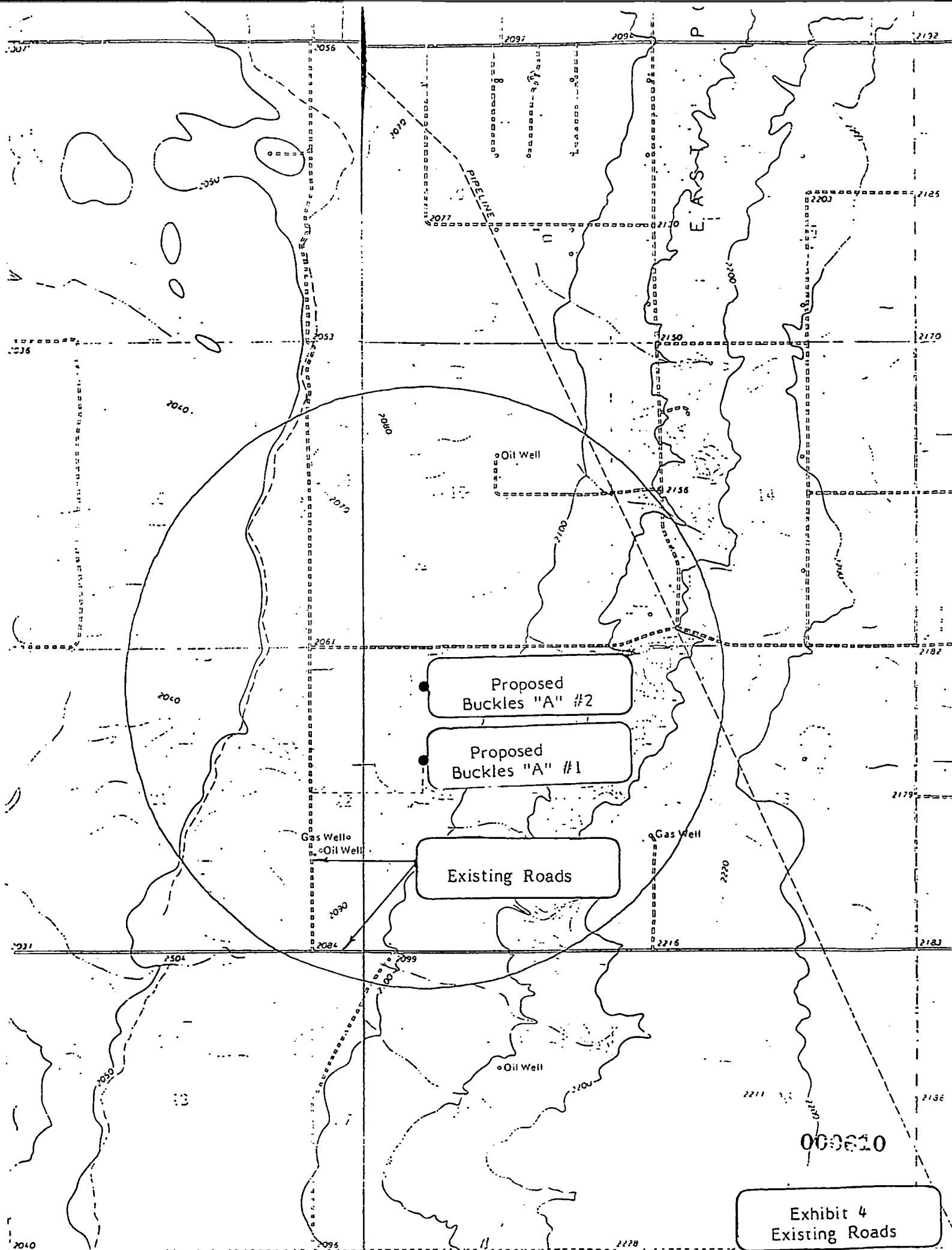
48 15'

49

105°00'

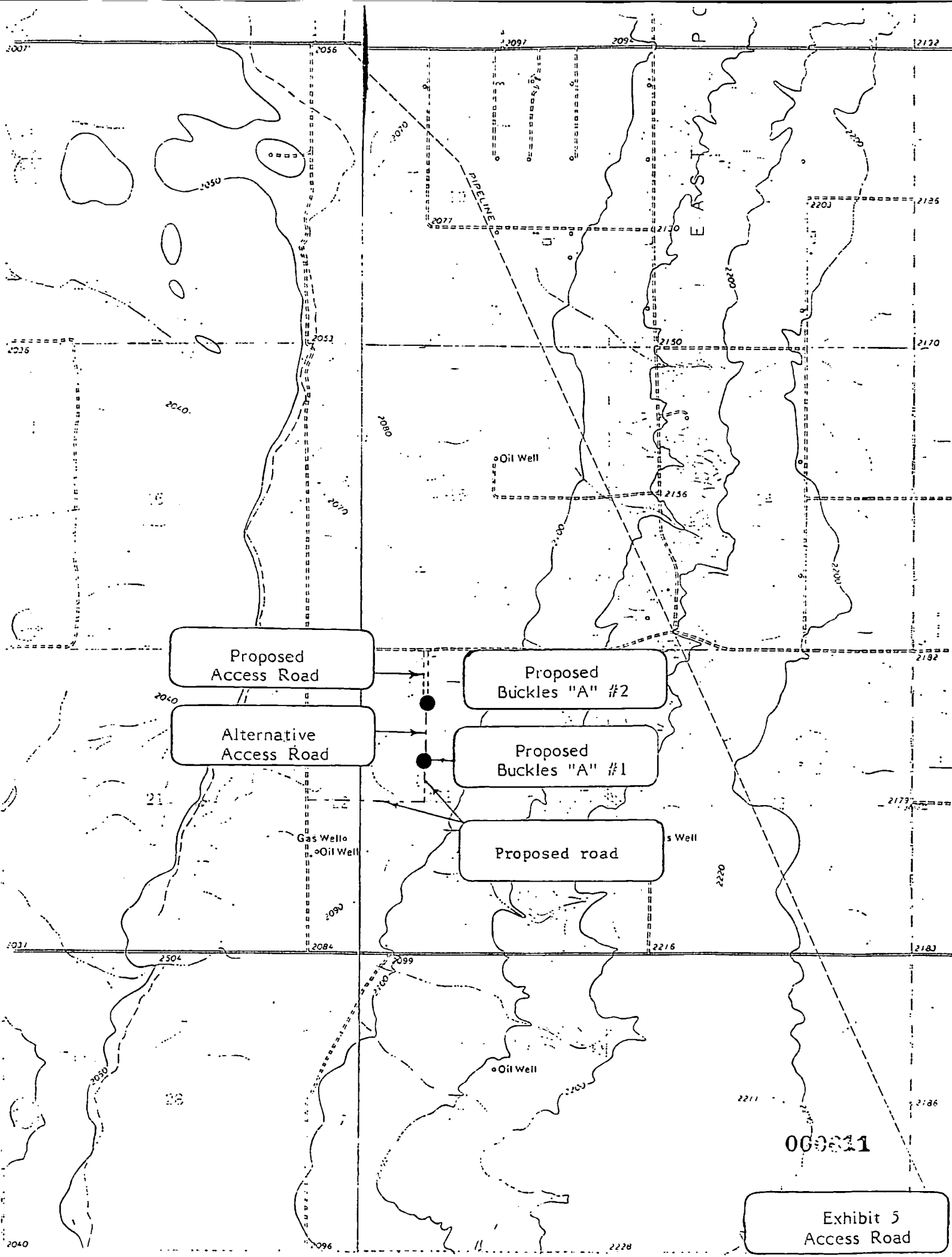
51

000809



000610

Exhibit 4  
Existing Roads



Proposed  
Access Road

Alternative  
Access Road

Proposed  
Buckles "A" #2

Proposed  
Buckles "A" #1

Proposed road

000011

Exhibit 5  
Access Road

HUBER #1  
COMPL 8-25-52  
NO TESTS

MURPHY OIL  
UNIT #32  
COMPL 11-54  
IP 41 BOPD  
PARO 2 BOPD

MURPHY OIL  
UNIT #10  
COMPL 11-57  
IP 268 BOPD  
CUM 356343  
BO  
PARO 384  
BOPD

MURPHY OIL  
UNIT #20  
COMPL 1953  
IP 16 BOPD  
CUM 416938 BO  
PARO 3 BOPD

MURPHY OIL  
UNIT #104  
COMPL 1958  
IP 221 BOPD  
CUM 344,958 BO  
PARO 15 BOPD

MURPHY OIL  
UNIT #22  
COMPL 1957  
IP 181 BOPD  
CUM 24694 BO  
PARO 9 BOPD

Proposed  
Buckles "A" #2

Buckles "A" #1

MESA 1-22 BIENE  
COMPL 6-8-70  
IP 516 BOPD  
996 BWPD  
CUM 159,999 BO + 1350166 BW  
PARO 15 BO + 1160 BWPD (4-80)

JUNIPER  
#1 21 POPULAR  
COMPL 3-80  
IP 4 BOPD  
100 BWPD  
CUM 242 BO  
SHUT-IN

TD 598' KII  
SWD

MURPHY OIL  
UNIT #55  
COMPL 6-55  
IP 193 BOPD  
CUM 226,466 BO  
PARO 6 BOPD

MURPHY OIL  
UNIT #26  
COMPL 8-53  
IP 23 BOPD  
CUM 61,779 BO  
T-2 9-62  
PBA 1965

TD 850'

MURPHY OIL  
UNIT #72  
PBA 4-55  
DST MCC-REC 90' GAS  
FP 15-15  
SIP 2995  
50' SB + GCW

TSIE

AMARCO RESOURCES  
USA 1-27  
COMPL 7-73  
DST MCC-11  
280' HO + GCW, 15% OIL  
90' MCSW  
(5804-18)

NATOL SIOUX 1-26  
COMPL 2-28-70  
IP 20 BO + 215 BWPD  
PROD TEST 3 BOPD  
PBA 1971

MURPHY OIL  
UNIT #63  
COMPL 2-55  
IP 34 BOPD  
CUM 5097 BO  
KIBBEY SD  
PBA 1962

PARTEE-CATLIN 1  
COMPL 6-13-65  
TD IN KIBBEY  
NO SPL SHOWS  
NO TESTS

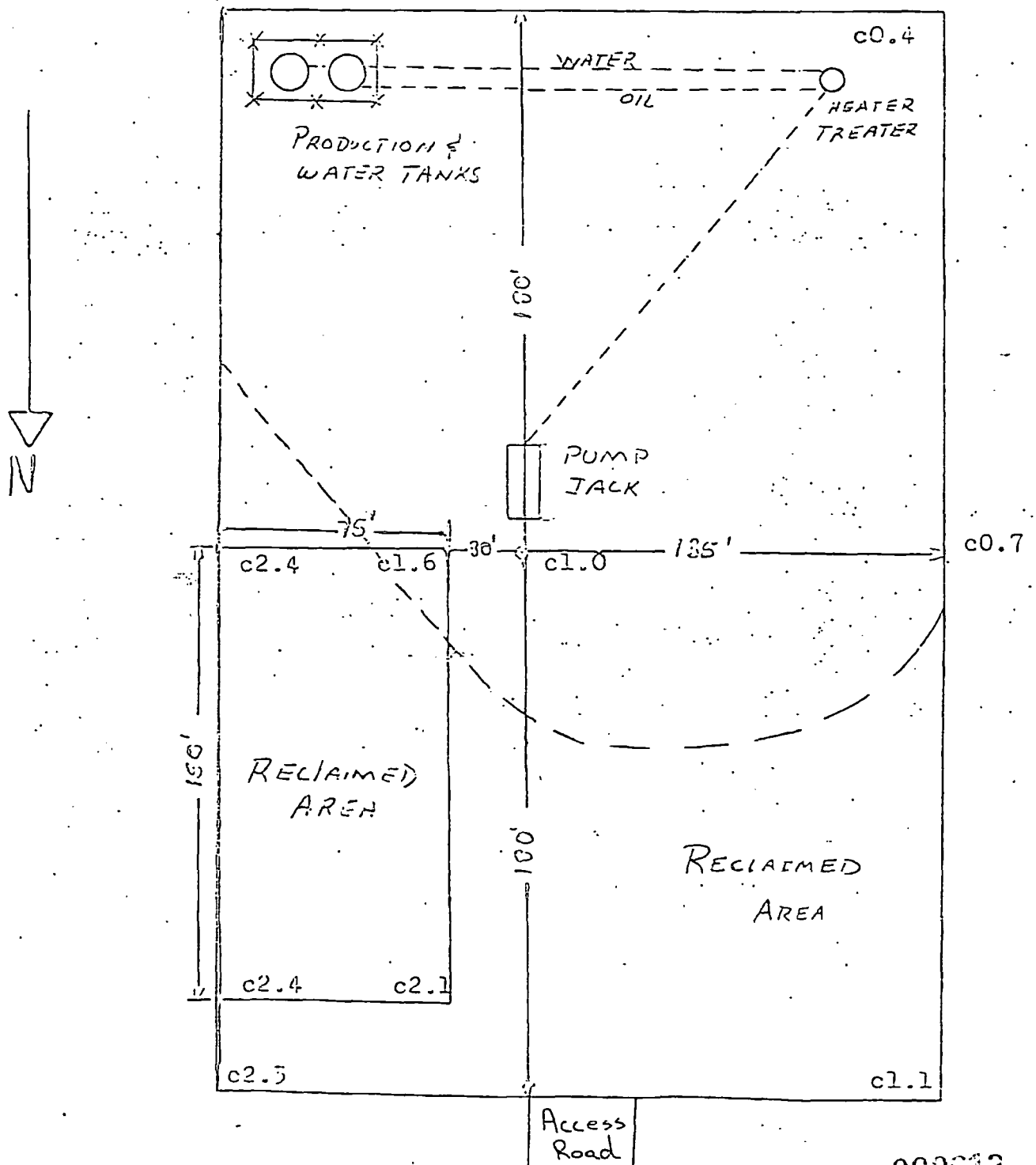
AJAX OIL CO  
PATCH #1  
COMPL 8-1952  
DST MCC-REC 125' OCM  
25' O + WCM  
FP: OFF SIP 2925FF  
CORED MCC-16, SSO

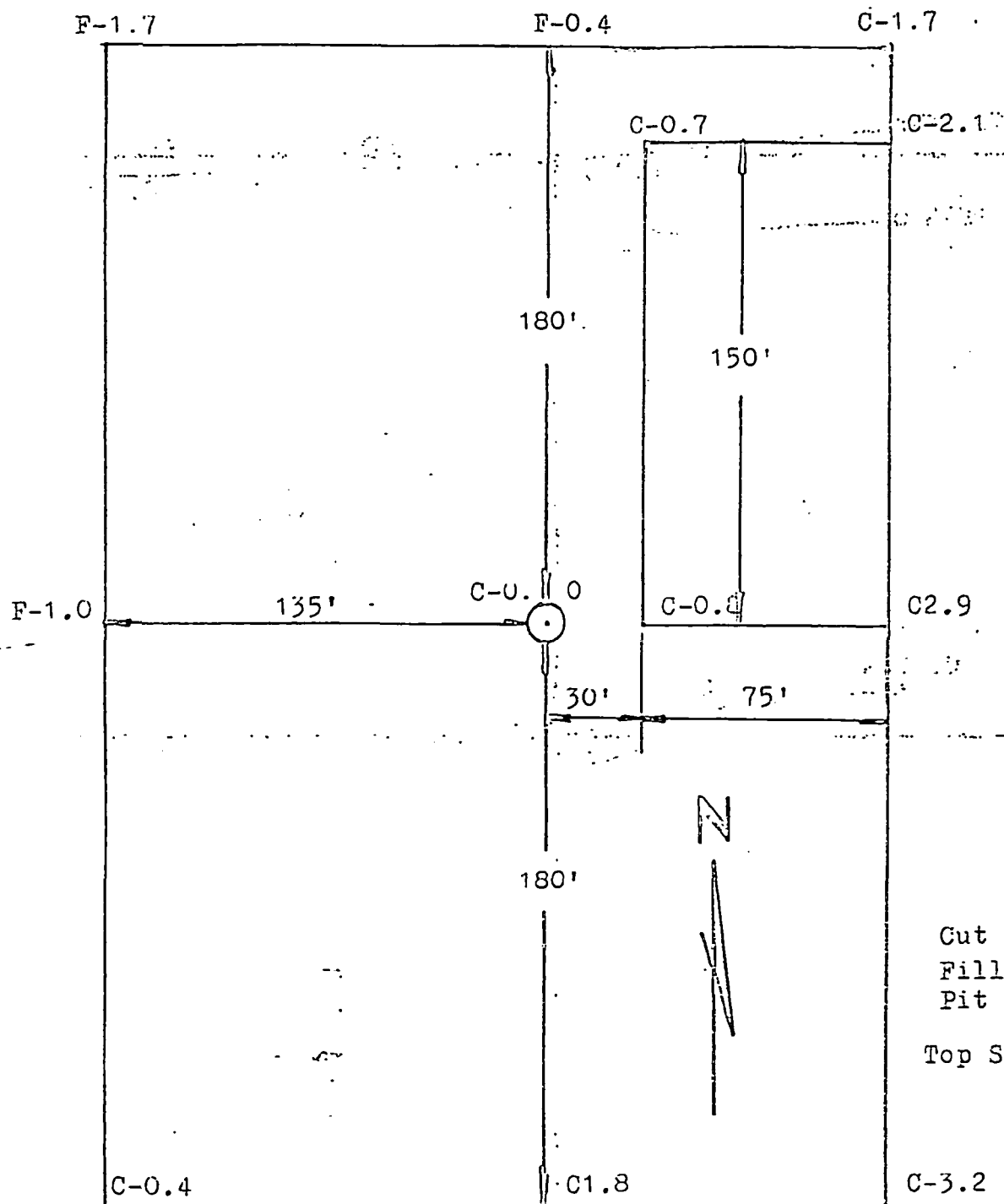
EMPIRE OIL  
LOCKMAN #1  
PBA 1959  
DST MCC-1 REC 300' MUD-  
300' SMCS W/  
FP 75-300  
SIP 2974FF

EXHIBIT 6 000612  
1 Mile Radius

R28N

Production Facilities





Cut 761.4 cu.yds.  
 Fill 681.4 cu.yds.  
 Pit 10' deep  
 4166.7 cu.yds.  
 Top Soil 1920.0 cu. yd

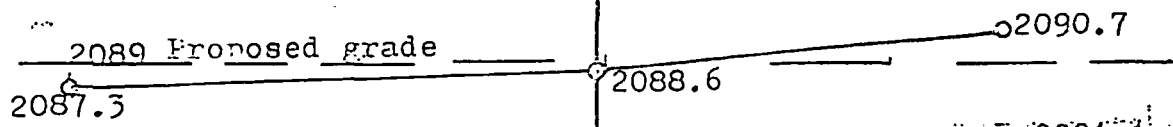
Notes:

All C's and F's are to proposed grade.  
 Stock pile top Soil on west side of site  
 Excess dirt to be used in construction  
 of road to north of location.

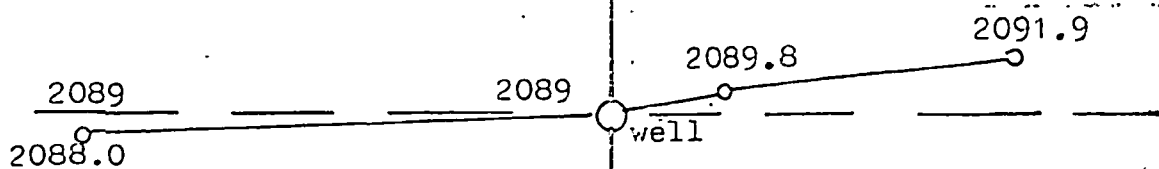
TEXAS OIL & GAS CORP.  
 1800 Lincoln Center Bldg.  
 1660 Lincoln Street  
 Denver, Colo. 80264

000614

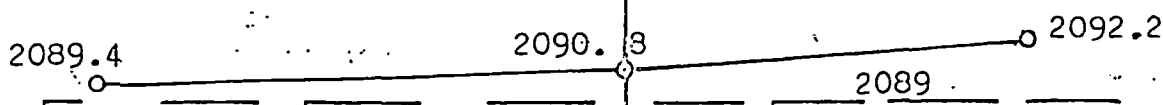
Exhibit 8  
 Cut & Fill



Horz. Scale: 1"=50'  
Vert. Scale: 1"=10'



N



000615

100

50

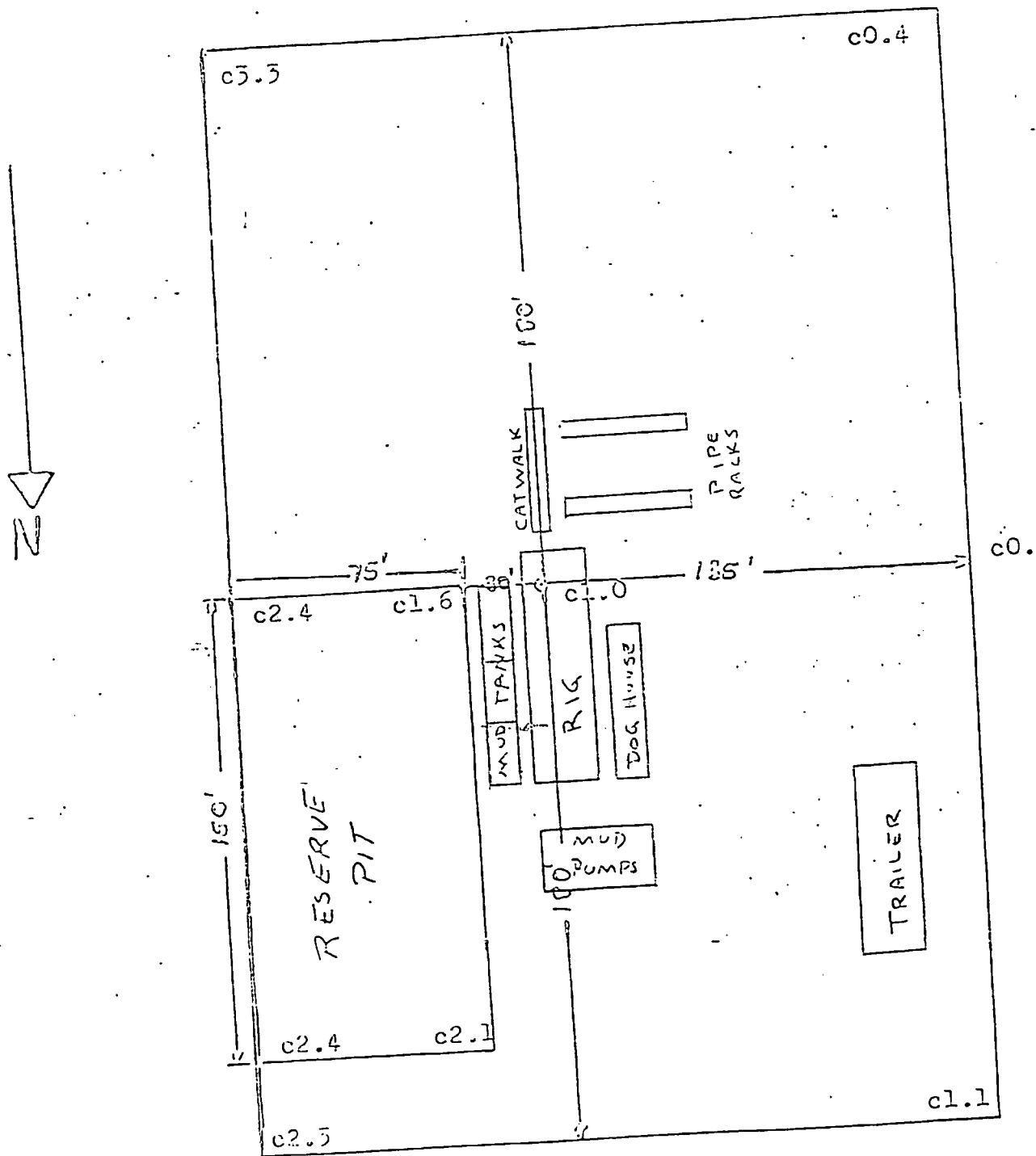
50

100

150

Texas Oil & Gas Corp.  
 Buckles A #2  
 Typical Rig Layout

Exhibit 10  
 Rig Layout



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Contract No.

5. <del>XXXXXXXXXXXXXXXXXXXX</del> 14 20 0256 5066
6. IF INDIAN, ALLOTTEE OR TRIBE NAME Austin R. Buckles
7. UNIT AGREEMENT NAME N/A
8. FARM OR LEASE NAME Buckles
9. WELL NO. "A" #2
10. FIELD AND POOL, OR WILDCAT N/A E. Poplar Field
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 22-T28N-R51E
12. COUNTY OR PARISH Roosevelt
13. STATE Montana

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL ☒ DEEPEN ☐ PLUG BACK ☐b. TYPE OF WELL  
OIL WELL ☒ GAS WELL ☐ OTHER ☐  
SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. NAME OF OPERATOR

Texas Oil &amp; Gas Corp.

3. ADDRESS OF OPERATOR

Suite 300, 2705 Montana Avenue, Billings, Montana 59102

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface  
660' FNL, 1980' FWL

At proposed prod. zone

660' FNL, 1980' FWL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

Billings, Montana

Approximately 6 miles NNE of Poplar, Montana

15. DIST.  
LOC.  
PRO.  
(A)

1. Reserve pit will be lined.

18. DIST.  
TO  
OR A

2. In case of a dry hole, all restoration will be completed within sixty (60) days after abandonment.

21. ELEV.

21

23.

3. In case of production, all disturbed areas not needed for production will be restored within sixty (60) days after production starts.

SIZ

4. Topsoil (6"-8") will be piled separately and not used for any other purposes.

5. Access road will be from the south from Buckles A-1 site.

6. Archaeological clearance is not needed in this area.

WORK WILL START  
25, 1981

CEMENT

urface

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IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Ron Becker

TITLE

Project Manager

DATE

3/31/81

PERMIT NO.

APPROVAL DATE

APPROVED BY

M. P. Pederson

TITLE

(ORIG. SGD.) M. P. PEDERSON

DATE

4-20-81

CONDITIONS OF APPROVAL, IF ANY: SEE ATTACHED

Petroleum Engineer

ANY FLARING OR VENTING OF  
GAS SUBJECT TO NTL 4-A  
DATED 1/1/80

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CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company \_\_\_\_\_ Well No. \_\_\_\_\_

Location \_\_\_\_\_ Lease No. \_\_\_\_\_

A COPY OF THESE CONDITIONS SHOULD BE FURNISHED YOUR  
FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (30 CFR 221), and the approved plan of operations. The operator is considered fully responsible for the actions of his subcontractors. The following items are emphasized:

1. There shall be no deviation from the proposed drilling and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 30 CFR 221.22. Any changes in operations must have prior approval of this office. Pressure tests are required before drilling out from under all casing strings set and cemented in place. Blowout preventer controls must be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to insure good mechanical working order, and this inspection recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs. All BOP pressure tests must be recorded on the daily drilling report.
2. All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water flows and furnished this office for analysis. All oil and gas shows will be adequately tested for commercial possibilities, reported, and protected.
3. No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of this office. If operations are to be suspended for more than 30 days, prior approval of this office must be obtained and notification given before resumption of operations.

In the event abandonment of the hole is desired, an oral request may be granted by this office but must be timely followed within 15 days with a "Notice of Intention to Abandon" (Form 9-331). Unless the plugging is to take place immediately upon receipt of oral approval, the District Engineer must be notified at least 48 hours in advance of the plugging of the well, in order that a representative may witness plugging operation. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form 9-331) must be submitted within 15 days after the actual plugging of the well bore, reporting where the plugs were placed, and the current status of the surface restoration. If surface restoration has not been completed at that time, a

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follow-up report on form 9-331 should be filed when all surface restoration work has been completed and the location is considered ready for final inspection.

4. The spud date will be reported orally to the District Engineer within 48 hours after spudding. If the spudding occurs on a weekend or holiday, wait until the following regular workday to make this report.

Periodic drilling progress reports must be filed directly with the District Engineer's office on a frequency and form or method as may be acceptable to the District Engineer.

In accordance with NTL-1, this well must be reported on Form 9-329 "Monthly Report of Operations," starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report should be filed in duplicate directly with the U. S. Geological Survey Area office, P. O. Box 2859, Casper, Wyoming 82602.

Any change in the program must be approved by the District Engineer. "Sundry Notices and Reports on Wells" (form 9-331) must be filed for all changes of plans and other operations in accordance with 30 CFR 221.58. Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground will require the filing of a suitable plan pursuant to NTL-6 and prior approval by the District Engineer.

5. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (form 9-330) will be submitted not later than 15 days after completion of the well or after completion of operations being performed, in accordance with 30 CFR 221.59. Two copies of all logs run, core descriptions, core analyses, well-test data, geologic summaries, sample descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with form 9-330. Samples (cuttings, fluid, and/or gas) will be submitted only when requested by this office.
6. Significant surface values (are) (are not) involved at this location. Accordingly, you (must) (need not) notify this office and the Surface Management Agency at least 24 hours prior to commencing field operations to allow this office and/or the Surface Management Agency office to have personnel present for consultation during the construction of roads and locations.

The Surface Management Agency contact is: \_\_\_\_\_

Office Phone: \_\_\_\_\_, Home Phone: \_\_\_\_\_

City: \_\_\_\_\_, State: \_\_\_\_\_

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The U. S. Geological Survey District office address and contacts are:

Address: Conservation Division, P.O. Box 2550, Billings, MT 59103

Office Phone: 657-6367

District Engineer Thomas P. Richmond

Home Phone: 656-0357

Asst. Dist. Engineer \_\_\_\_\_

Home Phone: \_\_\_\_\_

7. SURFACE OPERATING STANDARDS

Unless otherwise specified herein, construction and maintenance of surface facilities approved under this plan shall be in accordance with the guidelines set forth in the BLM/FS/GS Oil and Gas Brochure entitled, "Surface Operating Standards for Oil and Gas Exploration and Development." This includes but is not limited to such items as road construction and maintenance, handling of top soil, and rehabilitation.

8. If a replacement rig is contemplated for completion operations, a "Sundry Notice" to that effect must be filed for prior approval of the District Engineer, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.
9. Pursuant to NTL-2B requirements regarding disposal facilities for new wells, this is authorization for unlined pit disposal of the water produced from this well for a period of 90 days from the date of initial production for sales purposes. During this period, an application for approval of the permanent disposal method, along with the required water analysis and other information must be submitted for the District Engineer's approval. Failure to timely file an application within the time allowed will be considered an incident of noncompliance, and will be grounds for issuing a shut-in order until the application is submitted.
10. This permit is valid for a period of one year from the date of approval. If construction does not commence within 90 days from approval, the operator must contact the Surface Management Agency 15 days prior to beginning construction. Construction under adverse conditions may require additional stipulations. If the permit terminates, any surface disturbance created under the application must be rehabilitated in accordance with the approved plan. After termination, future operations will require a new application be filed for approval.
11. If a tank battery is constructed on this lease, it must be surrounded by a fire wall of sufficient capacity to adequately contain the storage capacity of the battery.
12. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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SUPPLEMENTAL STIPULATIONS OF APPROVAL ATTACHED

CONDITIONS OF APPROVAL FOR WELL ABANDONMENT

Company \_\_\_\_\_ Location \_\_\_\_\_

Well No. \_\_\_\_\_ Lease No. \_\_\_\_\_

A COPY OF THESE CONDITIONS SHOULD BE FURNISHED YOUR  
FIELD REPRESENTATIVE TO INSURE COMPLIANCE

1. This office should be notified sufficiently in advance of actual plugging work so that a representative may have an opportunity to witness the operation.
2. Upon completion of approved plugging, erect the regulation marker in accordance with 30 CFR 221.22 and clean up the location. The marker should not be less than 4 inches in diameter and extend approximately 4 feet above general ground level. Heap up the dirt around the base of the marker about 18 inches to take care of any settling of the cellar. The top of the marker must be closed or capped. Pits must be fenced unless approved otherwise by the District Engineer.
3. The following minimum information shall be permanently placed on the marker with a plate, cap, or beaded-on with a welding torch:  
  
"Fed" or "Ind", as applicable.  
"Well number, location by  $\frac{1}{4}$   $\frac{1}{4}$  section, township and range."
4. Within 15 days after well bore plugging operations are completed, form 9-331 (Subsequent Report of Abandonment) must be filed showing location of plugs, amount of cement in each, amount of casing left in hole, and status of surface restoration. If a temporary delay in removal of equipment or surface cleanup is deemed necessary and acceptable to this office, so note on this report and notify this office when such work has been completed to your satisfaction. This final abandonment report will not be approved until a physical inspection by this office and the surface management agency finds the well site in satisfactory condition.
5. If not previously filed, submit in duplicate Well Completion or Recompletion Report and Log (form 9-330), well history, electric logs, and other surveys, and if taken, core analysis and water analysis. These reports must also be filed within 15 days after completion of plugging operations.

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6. You or your authorized representative should inspect the abandoned location prior to notification to this office by form 9-331 that it is ready for inspection, and note especially:

- (a) That the regulation dry-hole marker bears the correct legend as required in item 3.
- (b) That rathole and mousehole are filled, not just bridged, and pits are filled and leveled.
- (c) That all material and junk are gone. This includes deadmen protruding above the level ground surface.
- (d) That reseeding or other required restoration work has been completed.

7. The U.S. Geological Survey district office address is:

Conservation Division, P.O. Box 2550, Billings, MT 59103

Dist. Engr.	Thomas P. Richmond	Phone	657-6367
Asst. Engr.		Home Phone	656-0357
		Home Phone	

8. The BLM contact man is:

Phone \_\_\_\_\_ (home)  
Phone \_\_\_\_\_ (office)

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PRODUCTION &  
INJECTION DATA



PLUGGING &  
ABANDONMENT